Overcoming Math Misconceptions (PreCalculus Bootcamp) - How to Succeed in College Entry-Level Mathematics

Instructor: Dr. Sherry Scarborough

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Emails: Please include your name and Bootcamp in the subject line of all emails, so I can best help you.

Prof. Sherry’s Web Site: http://www.math.tamu.edu/~Sherry.Scarborough/


Credit: There is no credit for this non-required, optional course. It will not show up on your transcript; it will not affect your GPA.

Supplies: computer with internet connection

Cost: $95.70 per student for access until August 2016

Audience: Entering college STEM (Science, Technology, Engineering, and Math) majors, recent high school graduates who want to brush up on their math skills, college students who did not perform as well as they wanted on their first calculus or precalculus exam, high school students who want to have a strong mathematics foundation, anyone who wants to improve their math and algebra skills. Note there is no requirement for college acceptance, enrollment or affiliation.

Advantages: Effectively engages students with immersive content using a variety of learning experiences and tools with the emphasis of understanding the topics without the use of a calculator

- MyMathLab for Schulz’ Precalculus: Pearson's online homework, tutorial, and assessment system: MyMathLab (MML) gives you the tools you need to successfully master your course concepts. The personalized learning path MML creates based on your MML initial diagnostic assessment will provide you with homework based on your own specific needs. This allows the system to meet you where you are and guide you to a place of mastery on the content. You can also use online tools, such as video lectures, animations, Learning Catalytics, course notes, and a multimedia textbook to independently improve your understanding and performance.
- Spend minimal time on concepts you already understand
- Address math misconceptions
- Access to conference videos from a previous online Precalculus Bootcamp
- Watch special topic streaming videos on common math misconceptions and on main topics
- Experience Learning Catalytics – a student engagement device: Work problems on your web-enable device and after answering a question, the solution, as well as a list of possible math misconceptions, is revealed
- Self-paced course so you can work around your own schedule (course is available until August 2016)
- No class to attend
- Main topics covered are radicals, exponents, roots, fractions, solving equations and inequalities (including sign charts), factoring, functions, complex numbers, exponential and logarithmic functions, trigonometry, vectors, parametric and polar graphs, conic sections

Enrollment Web Site: www.mymathlab.com  Course id: scarborough53518

Help
- Read “Start Here” on left menu in this MyMathLab course, including watching the navigation video
- In Learning Catalytics, do the “Getting Started” module first
- Pearson MyMathLab and Learning Catalytics Technical Support: https://247pearsoned.custhelp.com/app/contact
- Mathematical Content of Learning Catalytics support: email sherry.scarborough@math.tamu.edu and put Bootcamp in the subject line

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